



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 12611776
SAU: MSAD 68
School: Se Do Mo Cha Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9
Science Results	10-12

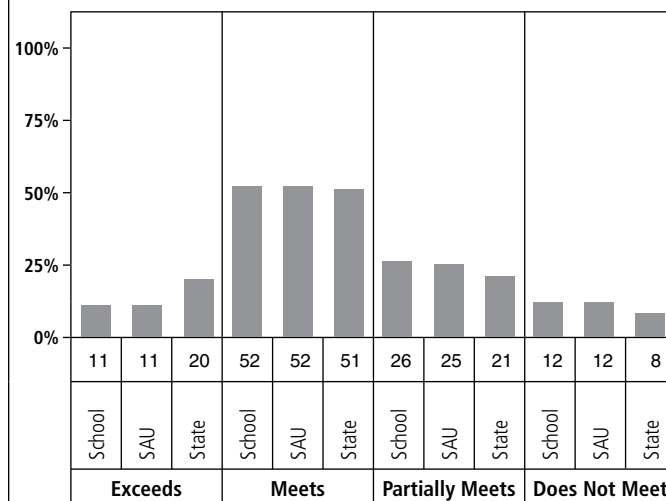
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 68
School: Se Do Mo Cha Middle School

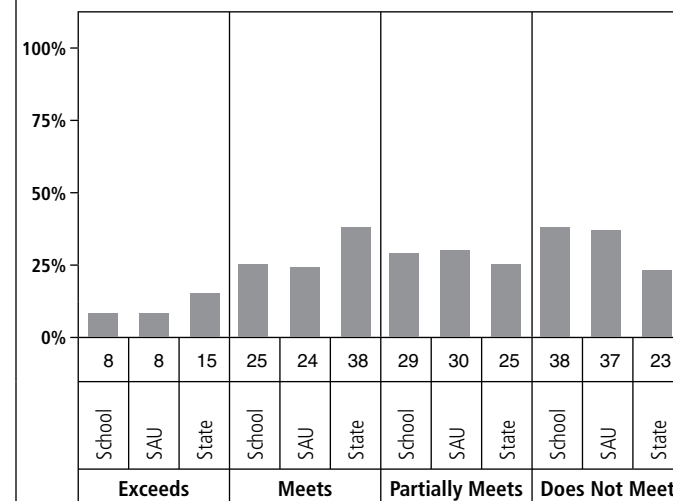
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	845	845	847
2007–2008	847	847	849
2008–2009	847	847	850
Cum. Avg.*	846	846	849
Mathematics			
2006–2007	837	836	842
2007–2008	837	837	841
2008–2009	836	836	843
Cum. Avg.*	837	836	842
Science			
2008–2009 **	842	842	846

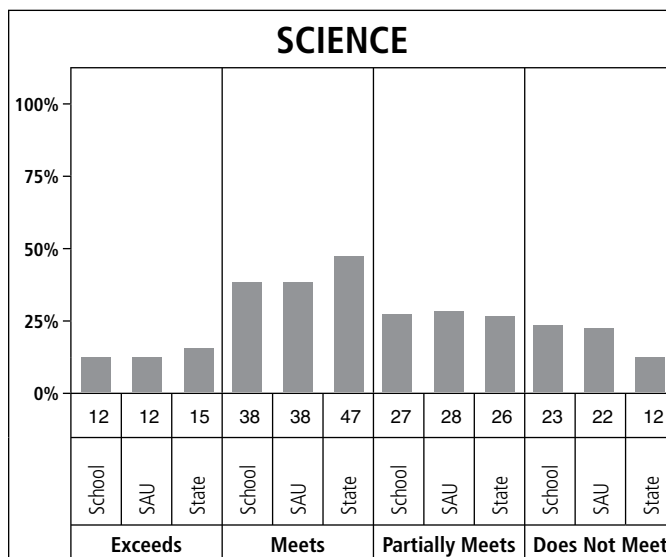
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 8
SAU: MSAD 68
School: Se Do Mo Cha Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	87	100	85	100	14804	100	86	100	84	100	14659	99	86	100	84	100	14653	99	85	99	83	99	14626	99
Ethnicity African American/Black	0	0	0	0	377	3	0	0	0	0	366	97	0	0	0	0	371	98	0	0	0	0	367	97
American Indian or Native Alaskan	1	1	1	1	119	1	1	100	1	100	117	99	1	100	1	100	115	97	1	100	1	100	116	98
Asian or Pacific Islander	1	1	1	1	238	2	1	100	1	100	232	97	1	100	1	100	234	98	1	100	1	100	234	98
Hispanic	3	3	3	4	192	1	3	100	3	100	188	98	3	100	3	100	191	100	3	100	3	100	190	99
Caucasian/White	82	94	80	94	13878	94	81	100	79	100	13756	99	81	100	79	100	13742	99	80	99	78	99	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	13	15	12	14	2489	17	12	100	11	100	2434	99	12	100	11	100	2424	98	12	100	11	100	2418	98
Current LEP	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
Economically disadvantaged	43	49	42	49	5460	37	43	100	42	100	5380	99	43	100	42	100	5377	99	42	98	41	98	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	62	71	60	71	12132	82	62	71	60	71	12124	82	62	71	60	71	12169	82
Identified disability (PET/IEP)	7	11	6	10	379	3	7	11	6	10	380	3	7	11	6	10	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
Participation with accommodations	23	26	23	27	2349	16	23	26	23	27	2347	16	22	25	22	26	2288	15
Identified disability (PET/IEP)	4	17	4	17	1877	80	4	17	4	17	1862	79	4	18	4	18	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	19	83	19	83	292	12	19	83	19	83	297	13	18	82	18	82	280	12
Participation through alternate assessment (PAAP)	1	1	1	1	178	1	1	1	1	1	182	1	1	1	1	1	169	1
Identified disability (PET/IEP)	1	100	1	100	178	100	1	100	1	100	182	100	1	100	1	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	1	1	1	1	32	0	1	1	1	1	34	0	1	1	1	1	38	0
Non-participation – other	0	0	0	0	113	1	0	0	0	0	117	1	1	1	1	1	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 68
School: Se Do Mo Cha Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	10	12	10	12	2407	16
	2007-2008	24	25	24	25	3428	23
	2008-2009	9	11	9	11	2857	20
	Cum. Total*	43	16	43	16	8692	19
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	34	40	32	39	7494	49
	2007-2008	37	38	36	38	7179	48
	2008-2009	44	52	43	52	7431	51
	Cum. Total*	115	43	111	43	22104	49
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	29	34	29	35	3628	24
	2007-2008	22	23	21	22	2706	18
	2008-2009	22	26	21	25	2979	21
	Cum. Total*	73	27	71	27	9313	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	12	14	12	14	1810	12
	2007-2008	14	14	14	15	1611	11
	2008-2009	10	12	10	12	1214	8
	Cum. Total*	36	13	36	14	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	33.3	59.5	33.3	59.5	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.5	57.5	11.5	57.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.8	60.6	21.8	60.6	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 68
School: Se Do Mo Cha Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	85	9	11	44	52	22	26	10	12	847	83	11	52	25	12	847	14481	20	51	21	8	850
Ethnicity																						
African American/Black	0										0						362	8	43	29	20	843
American Indian or Native Alaskan	1										1						116	10	46	26	18	843
Asian or Pacific Islander	1										1						231	28	43	19	10	851
Hispanic	3										3						186	17	48	23	12	847
Caucasian/White	80	7	9	42	53	21	26	10	13	846	78	9	53	26	13	846	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	11	0	0	3	27	2	18	6	55	831	10	0	20	20	60	828	2256	2	25	40	34	834
No	74	9	12	41	55	20	27	4	5	849	73	12	56	26	5	849	12225	23	56	17	4	853
Current LEP																						
Yes	0										0						324	5	34	36	26	838
No	85	9	11	44	52	22	26	10	12	847	83	11	52	25	12	847	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	42	1	2	17	40	17	40	7	17	841	41	2	39	41	17	841	5277	10	46	29	15	844
No	43	8	19	27	63	5	12	3	7	852	42	19	64	10	7	852	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	85	9	11	44	52	22	26	10	12	847	83	11	52	25	12	847	14476	20	51	21	8	850
Gender																						
Female	36	4	11	20	56	11	31	1	3	850	35	11	57	29	3	850	7074	25	51	18	6	852
Male	49	5	10	24	49	11	22	9	18	845	48	10	48	23	19	844	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	9	43	35	14	843
No	85	9	11	44	52	22	26	10	12	847	83	11	52	25	12	847	13624	20	52	20	8	850
Gifted/talented program																						
Yes	0										0						700	69	30	1	0	867
No	85	9	11	44	52	22	26	10	12	847	83	11	52	25	12	847	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 68
School: Se Do Mo Cha Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	14	0	0	4	33	4	33	4	33	836	15	0	33	33	33	836	8	8	39	29	24	841
B. less than one hour	49	6	15	24	59	8	20	3	7	849	49	15	60	18	8	850	51	17	53	22	8	849
C. one to two hours	33	3	11	13	48	9	33	2	7	848	32	12	46	35	8	847	36	24	52	18	5	852
D. more than two hours	4	0	0	3	100	0	0	0	0	852	4	0	100	0	0	852	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	33	6	22	15	56	4	15	2	7	853	32	23	54	15	8	853	31	35	50	11	4	856
B. good	47	3	8	19	49	12	31	5	13	845	47	8	50	29	13	845	47	16	55	21	7	849
C. fair	14	0	0	7	58	3	25	2	17	842	15	0	58	25	17	842	18	5	47	33	15	842
D. poor	6	0	0	3	60	2	40	0	0	844	6	0	60	40	0	844	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	39	7	22	18	56	5	16	2	6	853	38	23	58	13	6	853	32	27	54	14	5	853
B. They match some of what I have learned.	49	1	2	20	49	14	34	6	15	842	51	2	49	34	15	842	52	18	53	22	8	850
C. They match just a little of what I have learned.	10	1	13	5	63	1	13	1	13	849	9	14	57	14	14	847	12	11	45	29	15	844
D. There is no match.	2	0	0	1	50	1	50	0	0	846	2	0	50	50	0	846	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	11	0	0	4	44	0	0	5	56	835	11	0	44	0	56	835	15	13	42	28	17	844
B. about the same as my regular schoolwork	67	7	13	26	48	19	35	2	4	848	68	13	48	35	4	848	64	19	53	20	7	850
C. easier than my regular schoolwork	22	2	11	13	72	2	11	1	6	850	20	13	75	6	6	850	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	6	0	0	1	20	1	20	3	60	830	7	0	20	20	60	830	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	51	1	3	22	55	14	35	3	8	845	53	3	55	35	8	845	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	42	8	24	18	55	5	15	2	6	852	41	26	55	13	6	853	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	35	5	17	11	38	10	34	3	10	846	33	19	37	33	11	846	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	63	4	8	33	63	10	19	5	10	848	64	8	63	19	10	848	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	2	0	0	0	0	1	50	1	50	830	2	0	0	50	50	830	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	20	1	6	12	75	3	19	0	0	853	19	7	73	20	0	852	19	26	53	15	6	853
B. 20 minutes to an hour	26	6	29	10	48	4	19	1	5	854	26	29	48	19	5	854	40	25	52	17	6	852
C. less than 20 minutes	16	1	8	5	38	4	31	3	23	839	16	8	38	31	23	839	15	18	51	21	10	849
D. I rarely read at home.	39	1	3	17	53	10	31	4	13	843	39	3	55	29	13	843	26	7	50	30	13	844
How do you feel about the following statement?																						
"My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	44	4	11	20	56	8	22	4	11	848	44	11	54	23	11	847	42	27	51	15	6	853
B. agree	49	4	10	21	53	12	30	3	8	847	49	10	54	28	8	847	50	15	53	23	9	848
C. disagree	5	0	0	2	50	1	25	1	25	838	5	0	50	25	25	838	7	8	46	32	14	843
D. strongly disagree	2	1	50	1	50	0	0	0	0	861	3	50	50	0	0	861	2	6	39	35	21	840
Optional school/SAU question																						
A.	38	0	0	1	33	1	33	1	33	834	38	0	33	33	33	834						
B.	25	0	0	1	50	0	0	1	50	834	25	0	50	0	50	834						
C.	13	0	0	0	0	1	100	0	0	834	13	0	0	100	0	834						
D.	25	0	0	0	0	1	50	1	50	826	25	0	0	50	50	826						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 68
School: Se Do Mo Cha Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	4	5	4	5	1952	13
	2007-2008	5	5	5	5	1657	11
	2008-2009	7	8	7	8	2116	15
	Cum. Total*	16	6	16	6	5725	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	28	33	27	33	5870	38
	2007-2008	31	32	31	33	5956	40
	2008-2009	21	25	20	24	5443	38
	Cum. Total*	80	30	78	30	17269	39
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	29	34	28	34	3982	26
	2007-2008	33	34	32	34	3729	25
	2008-2009	25	29	25	30	3556	25
	Cum. Total*	87	33	85	33	11267	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	24	28	24	29	3534	23
	2007-2008	27	28	26	28	3579	24
	2008-2009	32	38	31	37	3356	23
	Cum. Total*	83	31	81	31	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	24.5	43.8	24.6	43.9	28.6	51.1
A. Number	8	14	3.4	42.5	3.4	42.5	3.7	46.3
B. Data	16	29	7.6	47.5	7.7	48.1	8.9	55.6
C. Geometry	12	21	3.6	30.0	3.7	30.8	5.0	41.7
D. Algebra	20	36	9.8	49.0	9.8	49.0	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 68
 School: Se Do Mo Cha Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	85	7	8	21	25	25	29	32	38	836	83	8	24	30	37	836	14471	15	38	25	23	843
Ethnicity																						
African American/Black	0										0						367	6	24	26	44	831
American Indian or Native Alaskan	1										1						114	5	31	32	32	836
Asian or Pacific Islander	1										1						233	27	33	20	21	847
Hispanic	3										3						190	8	31	26	34	836
Caucasian/White	80	6	8	20	25	22	28	32	40	836	78	8	24	28	40	836	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	11	0	0	1	9	0	0	10	91	820	10	0	0	0	100	818	2242	2	12	22	63	824
No	74	7	9	20	27	25	34	22	30	839	73	10	27	34	29	839	12229	17	42	25	16	846
Current LEP																						
Yes	0										0						336	6	18	26	51	829
No	85	7	8	21	25	25	29	32	38	836	83	8	24	30	37	836	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	42	2	5	5	12	14	33	21	50	830	41	5	10	34	51	830	5270	6	30	28	36	835
No	43	5	12	16	37	11	26	11	26	842	42	12	38	26	24	843	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	85	7	8	21	25	25	29	32	38	836	83	8	24	30	37	836	14466	15	38	25	23	843
Gender																						
Female	36	2	6	8	22	13	36	13	36	836	35	6	23	37	34	836	7070	15	39	25	22	843
Male	49	5	10	13	27	12	24	19	39	837	48	10	25	25	40	837	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	5	25	33	37	835
No	85	7	8	21	25	25	29	32	38	836	83	8	24	30	37	836	13614	15	38	24	22	843
Gifted/talented program																						
Yes	0										0						700	68	27	3	1	866
No	85	7	8	21	25	25	29	32	38	836	83	8	24	30	37	836	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 68
School: Se Do Mo Cha Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights?																						
A. none	14	0	0	2	17	3	25	7	58	827	15	0	17	25	58	827	8	8	24	24	44	833
B. less than one hour	49	4	10	11	27	10	24	16	39	839	49	10	28	25	38	840	51	12	38	26	23	842
C. one to two hours	33	3	11	7	26	11	41	6	22	838	32	12	23	42	23	837	36	19	40	23	19	845
D. more than two hours	4	0	0	1	33	1	33	1	33	837	4	0	33	33	33	837	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	37	7	23	10	33	9	30	4	13	846	36	24	31	31	14	846	28	33	41	15	11	852
B. good	44	0	0	8	22	13	36	15	42	833	45	0	22	36	42	833	45	11	43	25	21	842
C. fair	16	0	0	2	15	2	15	9	69	829	16	0	15	15	69	829	21	3	27	35	35	834
D. poor	2	0	0	1	50	1	50	0	0	844	3	0	50	50	0	844	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	33	6	22	6	22	8	30	7	26	843	34	22	22	30	26	843	28	23	41	21	15	848
B. They match some of what I have learned.	49	1	3	10	25	15	38	14	35	835	50	3	25	38	35	835	52	13	40	25	21	843
C. They match just a little of what I have learned.	16	0	0	4	31	2	15	7	54	830	14	0	27	18	55	830	16	8	28	30	34	836
D. There is no match.	2	0	0	1	50	0	0	1	50	836	3	0	50	0	50	836	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	30	0	0	5	21	7	29	12	50	831	29	0	22	30	48	832	32	6	34	29	32	837
B. about the same as my regular schoolwork	57	4	9	9	20	17	37	16	35	837	58	9	20	37	35	837	52	13	41	25	20	843
C. easier than my regular schoolwork	14	3	27	7	64	1	9	0	0	853	13	30	60	10	0	854	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	33	2	7	7	26	9	33	9	33	838	33	8	23	35	35	838	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	62	4	8	13	25	16	31	18	35	836	64	8	25	31	35	836	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	5	1	25	1	25	0	0	2	50	838	4	33	33	0	33	845	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	27	5	23	10	45	3	14	4	18	848	26	24	48	14	14	849	34	18	40	22	20	845
B. two or three days a week	43	1	3	8	23	10	29	16	46	834	44	3	23	29	46	834	35	14	38	26	21	843
C. two or three times each month	23	1	5	3	16	9	47	6	32	833	23	6	11	50	33	832	18	12	37	27	24	841
D. never or almost never	7	0	0	0	0	3	50	3	50	831	8	0	0	50	50	831	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	17	0	0	1	7	3	21	10	71	824	16	0	8	23	69	825	9	13	38	23	26	841
B. two or three days a week	30	0	0	4	16	8	32	13	52	828	31	0	16	32	52	828	17	11	37	26	26	841
C. two or three times each month	43	7	20	11	31	12	34	5	14	847	43	21	29	35	15	847	28	15	40	25	20	844
D. never or almost never	10	0	0	5	63	2	25	1	13	846	10	0	63	25	13	846	46	16	36	24	23	843
How do you feel about the following statement?																						
“My knowledge of mathematics will be useful to me as an adult.”																						
A. strongly agree	63	6	12	16	31	16	31	14	27	840	64	12	29	31	27	840	52	19	41	22	18	846
B. agree	29	1	4	4	17	7	29	12	50	831	29	4	17	30	48	832	39	11	35	27	27	840
C. disagree	6	0	0	0	0	2	40	3	60	832	6	0	0	40	60	832	6	7	28	26	39	835
D. strongly disagree	1	0	0	1	100	0	0	0	0	848	1	0	100	0	0	848	3	4	25	28	43	832
Optional school/SAU question																						
A.	38	0	0	0	0	1	33	2	67	823	38	0	0	33	67	823						
B.	25	0	0	0	0	0	0	2	100	818	25	0	0	0	100	818						
C.	13	0	0	0	0	0	0	1	100	828	13	0	0	0	100	828						
D.	25	0	0	0	0	0	0	2	100	811	25	0	0	0	100	811						

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 68
School: Se Do Mo Cha Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	10	12	10	12	2155	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	32	38	31	38	6687	47
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	23	27	23	28	3672	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	19	23	18	22	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	29.4	52.5	29.5	52.7	32.0	57.1
D. The Physical Setting	31	55	16.2	52.3	16.2	52.3	17.1	55.2
D1/D2 Earth/Space	17	30	8.8	51.8	8.9	52.4	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	7.4	52.9	7.4	52.9	7.7	55.0
E. The Living Environment	25	45	13.2	52.8	13.3	53.2	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 68
School: Se Do Mo Cha Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	84	10	12	32	38	23	27	19	23	842	82	12	38	28	22	842	14263	15	47	26	12	846
Ethnicity																						
African American/Black	0										0						360	4	31	35	30	835
American Indian or Native Alaskan	1										1						114	8	39	31	22	839
Asian or Pacific Islander	1										1						230	20	44	23	13	848
Hispanic	3										3						184	9	45	29	16	842
Caucasian/White	79	9	11	28	35	23	29	19	24	841	77	12	35	30	23	841	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	11	0	0	2	18	2	18	7	64	826	10	0	10	20	70	824	2221	3	22	36	38	832
No	73	10	14	30	41	21	29	12	16	844	72	14	42	29	15	845	12042	17	51	24	7	848
Current LEP																						
Yes	0										0						331	4	20	39	37	832
No	84	10	12	32	38	23	27	19	23	842	82	12	38	28	22	842	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	41	2	5	13	32	13	32	13	32	836	40	5	30	33	33	836	5184	6	40	33	21	840
No	43	8	19	19	44	10	23	6	14	847	42	19	45	24	12	848	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	84	10	12	32	38	23	27	19	23	842	82	12	38	28	22	842	14258	15	47	26	12	846
Gender																						
Female	35	4	11	13	37	11	31	7	20	843	34	12	38	32	18	844	6953	14	47	28	11	846
Male	49	6	12	19	39	12	24	12	24	841	48	13	38	25	25	841	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						828	5	35	40	20	839
No	84	10	12	32	38	23	27	19	23	842	82	12	38	28	22	842	13435	16	48	25	12	846
Gifted/talented program																						
Yes	0										0						699	65	34	2	0	865
No	84	10	12	32	38	23	27	19	23	842	82	12	38	28	22	842	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 68
School: Se Do Mo Cha Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	14	0	0	3	25	4	33	5	42	832	15	0	25	33	42	832	8	8	34	28	30	837
B. less than one hour	49	7	17	18	44	10	24	6	15	846	49	18	45	25	13	846	51	14	48	27	11	846
C. one to two hours	33	3	11	10	37	7	26	7	26	841	32	12	35	27	27	841	36	19	48	24	9	848
D. more than two hours	4	0	0	1	33	2	67	0	0	845	4	0	33	67	0	845	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	14	4	36	5	45	1	9	1	9	854	14	36	45	9	9	854	23	27	47	17	8	851
B. good	41	5	15	14	42	10	30	4	12	845	41	16	44	31	9	846	53	15	50	26	10	847
C. fair	38	1	3	12	39	9	29	9	29	837	38	3	37	30	30	836	20	4	43	35	18	840
D. poor	7	0	0	1	17	3	50	2	33	837	8	0	17	50	33	837	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	28	4	17	5	22	8	35	6	26	841	28	18	23	36	23	841	26	20	49	23	9	849
B. They match some of what I have learned.	51	5	12	20	49	10	24	6	15	845	52	12	49	24	15	845	51	14	48	26	11	846
C. They match just a little of what I have learned.	19	1	7	5	33	5	33	4	27	837	18	7	29	36	29	837	18	13	44	28	15	844
D. There is no match.	2	0	0	2	100	0	0	0	0	851	3	0	100	0	0	851	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	27	2	10	9	43	4	19	6	29	841	27	10	43	19	29	841	32	13	45	28	14	844
B. about the same as my regular schoolwork	49	3	8	19	49	12	31	5	13	843	51	8	49	31	13	843	56	15	49	25	11	847
C. easier than my regular schoolwork	24	5	26	3	16	7	37	4	21	843	22	29	12	41	18	844	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	38	5	17	10	33	10	33	5	17	843	36	18	32	36	14	844	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	60	4	8	21	44	13	27	10	21	842	62	8	44	27	21	842	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	1	50	0	0	1	50	838	3	0	50	0	50	838	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	18	0	0	6	43	4	29	4	29	836	18	0	43	29	29	836	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	23	2	11	6	33	3	17	7	39	840	22	12	35	18	35	841	23	17	49	22	12	847
C. the course(s) described in B, plus physics	24	5	26	6	32	8	42	0	0	848	23	28	28	44	0	849	21	31	44	17	7	852
D. a life science and physical science class	36	3	10	12	41	8	28	6	21	842	37	10	41	28	21	842	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	27	4	18	8	36	5	23	5	23	843	28	18	36	23	23	843	27	23	47	20	10	849
B. agree	43	6	17	12	34	12	34	5	14	844	44	17	34	34	14	844	37	14	47	27	12	846
C. disagree	21	0	0	8	47	5	29	4	24	840	20	0	44	31	25	840	25	11	48	29	12	845
D. strongly disagree	10	0	0	4	50	1	13	3	38	836	9	0	57	14	29	838	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	37	4	13	12	40	10	33	4	13	845	38	13	40	33	13	845	31	22	46	22	10	849
B. agree	41	6	18	8	24	10	29	10	29	839	43	18	24	29	29	839	50	14	49	26	11	846
C. disagree	20	0	0	11	69	2	13	3	19	844	18	0	71	14	14	846	14	9	45	31	15	843
D. strongly disagree	2	0	0	1	50	1	50	0	0	838	3	0	50	50	0	838	5	3	38	34	25	837
Optional school/SAU question																						
A.	38	0	0	0	0	1	33	2	67	825	38	0	0	33	67	825						
B.	25	0	0	0	0	1	50	1	50	827	25	0	0	50	50	827						
C.	13	0	0	0	0	0	0	1	100	824	13	0	0	0	100	824						
D.	25	0	0	0	0	0	0	2	100	810	25	0	0	0	100	810						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number